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-Cooperative Extension Service
-USDA Farm Service Agency
-The Oklahoma Mesonet

<http://www.nass.usda.gov/weather/cpcurr/ok-crop-weather>

HOT TEMPERATURES PERSIST

August 13 - Prolonged hot, dry weather continued to diminish soil moisture supplies as well as put stress on summer crops and pastures. Precipitation was received in the Panhandle and North Central districts, but many areas of Oklahoma have now gone several weeks without significant rainfall. Average daily high temperatures rose 1 to 5 degrees from the previous week, with the largest increases in the Central, South Central, and West Central districts. Farmers had 6.7 days suitable for fieldwork during the week.

TOPSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	15	53	31	1
Last Week	8	40	50	2
Last Year	18	46	36	0

SUBSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	8	37	55	0
Last Week	7	25	66	2
Last Year	9	32	59	0

SMALL GRAINS: Preparations for planting next year's wheat crop made significant progress in the southern half of Oklahoma and the Panhandle district, but moisture remains short. Applications of anhydrous ammonia were reported. Wheat seedbed preparation remains ahead of the five year average with 37 percent of the acreage prepared.

ROW CROPS: Scorching temperatures and lack of rain continued to affect row crops. Corn was rated in mostly good condition across the state. Much of the crop progressed to the soft dough stage as a result of the hot weather. Sorghum was rated mostly good-to-fair condition while heading progressed to 60 percent statewide. Soybean condition declined across the state with the southern half of the State being the most adversely affected due to the hot, dry conditions. Cotton and peanuts were rated in mostly good-to-fair condition statewide. Peanuts setting pods increased slightly from last week to 86 percent which is slightly ahead of the five year average. Dryland peanuts are showing signs of stress. As of Sunday, cotton fields setting bolls advanced to 80 percent which was slightly ahead of normal. Dryland cotton in the Southwest district continued to be hampered from lack of moisture, however irrigated cotton is in good condition.

ROW CROPS CONDITION BY PERCENT

Week Ending August 13, 2000

	Very Poor	Poor	Fair	Good	Excellent
Corn	0	2	19	70	9
Sorghum	1	14	37	45	3
Soybeans	6	9	30	52	3
Peanuts	1	9	34	45	11
Cotton	3	7	26	46	18

HAY: Alfalfa was rated in mostly good-to-fair condition. Grasshoppers remained active and continue to be a problem for hay fields. The third cutting of alfalfa advanced to 88 percent for the State. All other hay was in mostly good shape statewide. Hay conditions in the southern and western districts have been the most affected by the hot weather and absence of rainfall.

HAY CONDITION BY PERCENT

Week Ending August 13, 2000

	Very Poor	Poor	Fair	Good	Excellent
Alfalfa	1	8	29	54	8
Other Hay	2	6	26	56	10

PASTURE: Exceptionally hot temperatures and lack of rainfall in southern and western areas continued to hurt pastures. Range and pasture condition slipped slightly from the previous week but were still rated in good-to-fair condition. Grasshoppers remained a problem for pastures in western and southern districts.

LIVESTOCK: Cattle were rated in mostly good condition. Cattle auctions reported average marketings for the week. Water levels in ponds and streams are depleting and have created concern. Insect pressures on cattle continued to be moderate statewide, however heavy fly levels were reported in isolated areas.

LIVESTOCK CONDITION BY PERCENT

Week Ending August 13, 2000

	Very Poor	Poor	Fair	Good	Excellent
Livestock	0	2	17	68	13
Pasture & Range	2	6	31	50	11

MISCELLANEOUS CROPS: Watermelon harvest remained ahead of schedule at 87 percent complete for the state, compared to 67 percent for the five year average. Heat and disease problems continued to hamper watermelons. The crop is in mostly fair condition.

Oklahoma Crop-Weather Summary
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TIME DATED MATERIAL

OKLAHOMA CROP PROGRESS									
August 13, 2000									
Item	This Week	Last Week	Last Year	5-Yr. Avg	Item	This Week	Last Week	Last Year	5-Yr. Avg
Wheat - Seedbed Prepared	37	27	20	23	Peanuts - Setting Pods Mature	86 1	84 0	85 0	84 1
Oats - Seedbed Prepared	35	26	6	12	Cotton - Setting Bolls Bolls Opening	80 2	74 0	83 0	77 1
Corn - Dough Mature	84 26	70 19	64 9	90 11	Alfalfa Hay - 3 rd Cutting 4 th Cutting	88 36	77 25	92 24	81 16
Sorghum - Headed Coloring	60 31	51 21	70 13	56 13	Other Hay - 2 nd Cutting	54	48	43	39
Soybeans - Blooming Setting Pods	83 58	73 50	69 53	81 56	Watermelons - Harvested	87	75	66	67

WEATHER FOR WEEK ENDING AUGUST 13, 2000 - Temperatures ranged from 60.0 degrees at Kenton and Boise City on Thursday, August 10th to 106.5 degrees at Cherokee on Saturday, August 12th and Sunday, August 13th. Precipitation averaged 0.01 in. most districts to 0.40 in. Panhandle district. Individual Mesonet stations ranged from 0.00 in. majority of state to 2.78 in. at Woodward. Soil temperatures averaged 78.8 degrees at Boise City on Thursday, August 10th to 100.5 degrees at Sallisaw on Friday, August 11th.

MESONET TEMPERATURE AND PRECIPITATION DATA							
Week Ending August 13, 2000							
Districts	Temperature			Precipitation			
	Average High	Average Low	Average	This Week	March 1 to August 13, 2000		
					Total	Departure from Normal	Percent of Normal
Degrees			Inches				
Panhandle	99	67	82.7	0.40	13.13	+ 0.90	107
West Central	102	74	87.9	0.01	20.83	+ 5.79	138
Southwest	102	74	88.2	0.01	18.04	+ 2.57	117
North Central	101	73	87.1	0.29	21.45	+ 5.48	134
Central	100	74	86.4	0.01	21.82	+ 3.25	118
South Central	100	74	86.7	0.01	16.51	- 3.46	83
Northeast	96	72	83.9	0.01	28.66	+ 7.69	137
East Central	98	72	84.8	0.00	26.43	+ 4.42	120
Southeast	100	71	84.4	0.03	21.27	- 3.55	86